CONTENTS

	Foreword	vii
Chapter 1.	Quarks in hadrons and nuclei F. E. CLOSE	1
Chapter 2.	Some observations concerning the quark structure of matter A. W. THOMAS	21
Chapter 3.	From a quark model to effective hadron theories S. GARDNER	47
Chapter 4.	The non-topological, color dielectric, soliton model L. WILETS	53
Chapter 5.	Skyrmions and dense matter A. D. JACKSON	65
Chapter 6.	The *NN* interaction in the Skyrme model A. DE PACE	97
Chapter 7.	Baryon resonances as soliton excitations from an effective meson Lagrangian H. WEIGEL and B. SCHWESINGER	105
Chapter 8.	Chiral symmetry and nucleon structure: low energy aspects W. WEISE	113
Chapter 9.	Interaction between two baryons and the six quark model A. FAESSLER	151
Chapter 10.	Construction of six-quark states from parity eigenfunctions for *N–N* processes FL. STANCU and L. WILETS	175
Chapter 11.	Hidden colour in B=3,4 systems A. ABBAS	181
Chapter 12.	Quark structure of simple and complex hadrons M. G. HUBER and B. C. METSCH	187
Chapter 13.	Elastic πd scattering in $\Delta_{3,3}$-region C. R. OTTERMANN	215

Chapter 14. Skyrme solitons and effective Lagrangians for low energy hadron physics
R. VINH MAU 221

Chapter 15. Multi-quark effects in high energy nucleon–nucleon and nucleus–nucleus collisions
C. BESLIU, I. CARACIUC, F. COTOROBAI, A. JIPA, A. OLARIU, D. PANTEA, L. POPA, V. POPA, R. TOPOR-POP and V. TOPOR-POP 243

Chapter 16. Electro-weak scattering off quarks confined in nucleons and nuclei
H. FAISSNER 253

Chapter 17. Deep inelastic scattering from a momentum conserving two-dimensional cavity
A. SIGNAL and A. W. THOMAS 283

Chapter 18. Quark exchange and the expansion of length scales inside nuclei
P. HOODBHOY 289

Chapter 19. Proton–antiproton annihilation in the quark model
A. FAESSLER 295

Chapter 20. Experiments in the $p\bar{p}$-system at LEAR
H. KOCH 323

Chapter 21. Hadron spectroscopy with antiproton beams
P. DALPIAZ 339

Chapter 22. Phenomenology of strange quark matter
G. FIORENTINI 343

Chapter 23. Flavour and the structure of hadrons and nuclei
B. POVH 353

Chapter 24. Photoproduction of strangeness in nuclei
C. BENNHOLD and L. E. WRIGHT 377

Chapter 25. A status report of some symmetries
E. M. HENLEY 387

Contents of Some Previous Volumes 407